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NPIC/R-1154/63

March 1963

PHOTOGRAPHIC INTERPRETATION REPORT

IPIR
BRASS KNOB MISSION 3481
11 MARCH 1963



ARMY



NAVY

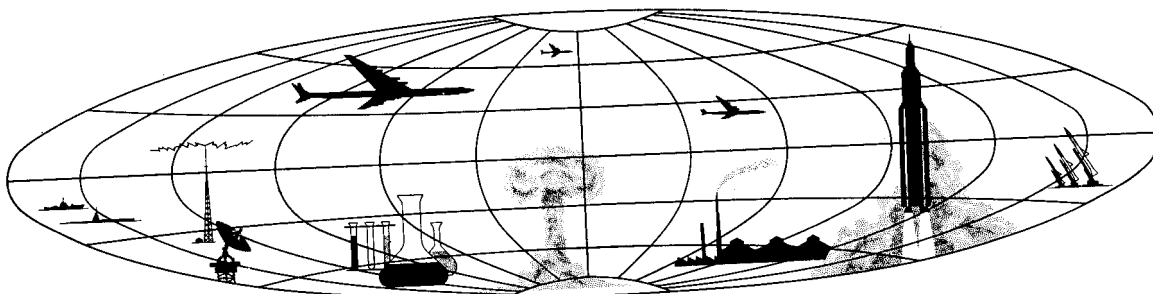


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IMMEDIATE PHOTOGRAPHIC INTERPRETATION REPORT

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM BRASS KNOB MISSION 3481, DATED 11 MARCH 1963. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

-MISSILES-

25X1A

SAN CRISTOBAL MRBM SITE 3 2242N 08308W

NO ACTIVITY OBSERVED.

25X1D

GUANAJAY IRBM SITE 1 2257N 08239W

SITE APPEARS ABANDONED.

25X1D

SAGUA LA GRANDE MRBM SITE 1 2243N 08001W

ARCHED-ROOF BUILDING REMAINS. NO ACTIVITY OBSERVED.

25X1D

SAGUA LA GRANDE MRBM SITE 2 2239N 07951W

NO ACTIVITY OBSERVED.

25X1D

GUANAJAY IRBM SITE 2 2257N 08236W

SITE APPEARS ABANDONED.

25X1D

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25X1A

TAPASTE AREA, STORAGE SITES 2303N 08207W

NO APPARENT CHANGE.

25X1D

MARIEL SAM SITE 2300N 08249W

FIVE LAUNCHERS, 4 CANVAS-COVERED MISSILE TRANSPORTERS,
AND OCCUPIED GUIDANCE AREA OBSERVED.

25X1D

25X1A

MATANZAS SAM SITE 2301N 08129W

SITE CONTAINS 6 LAUNCHERS, 7 CANVAS-COVERED
TRANSPORTERS AND A CANVAS-COVERED GUIDANCE RADAR.

25X1D

BAHIA HONDA SAM SITE 2257N 08317W

SITE CONTAINS ONE UNCOVERED AND 5 CANVAS-COVERED
LAUNCHERS, 4 MISSILE TRANSPORTERS, AND AN OCCUPIED
GUIDANCE AREA.

25X1D

HAVANA SAM SITE 2309N 08213W

SITE CONTAINS 6 LAUNCHERS, AND CANVAS-COVERED
MISSILE HOLD AREA AND GUIDANCE RADAR.

25X1D

CIENFUEGOS SAM SITE 2202N 08024W

SITE CONTAINS 6 UNREVIEWED CANVAS-COVERED LAUNCHERS
WITH PROBABLE MISSILES, 3 PROBABLE MISSILE
TRANSPORTERS, AND A CANVAS-COVERED GUIDANCE RADAR.

25X1D

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25X1A

SAGUA LA GRANDE SAM SITE 2251N 08005W

SITE CONTAINS 6 REVETTED LAUNCHERS AND A REVETTED GUIDANCE RADAR. POOR IMAGE QUALITY PRECLUDES FURTHER INTERPRETATION.

25X1D

25X1A

CAIBARIEN SAM SITE 2228N 07929W

SITE CONTAINS 6 LAUNCHERS, 7 MISSILE TRANSPORTERS, AND GUIDANCE RADAR, ALL CANVAS-COVERED.

25X1D

25X1A

SANCTI SPIRITUS SAM SITE 2147N 07929W

SITE CONTAINS 6 LAUNCHERS, 6 MISSILE TRANSPORTERS AND AN OCCUPIED GUIDANCE AREA.

25X1D

25X1A

DELEITE SAM SITE 2259N 08045W

SITE OCCUPIED. POOR IMAGE QUALITY PRECLUDES FURTHER INTERPRETATION.

25X1D

SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA 2257N 08221W

AREA CONTAINS APPROXIMATELY 25 MISSILE TRANSPORTERS. POOR IMAGE QUALITY PRECLUDES FURTHER INTERPRETATION.

25X1D

25X1A

CIEGO DE AVILA SAM SITE 2142N 07850W

SITE CONTAINS 6 UNREVETTED CANVAS-COVERED LAUNCHERS, 5 CANVAS-COVERED MISSILE TRANSPORTERS, AND AN UNREVETTED GUIDANCE RADAR.

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25X1D

[REDACTED]

25X1A

MANAGUA SAM SITE 2259N 08215W

A PROBABLE PARKING AREA IS BEING SURFACED. NO MISSILE
EQUIPMENT OBSERVED.

[REDACTED]

25X1D

25X1A

SANTA CRUZ DEL NORTE CRUISE-MISSILE SITE 2309N 08156W

NO APPARENT CHANGE.

[REDACTED]

25X1D

LA SIERRA CRUISE-MISSILE SITE 2156N 08019W

SITE ABANDONED. NO ACTIVITY OBSERVED.

[REDACTED]

25X1D

CAMPO FLORIDA CRUISE-MISSILE SITE 2306N 08211W

NO APPARENT CHANGE.

[REDACTED]

25X1D

GUERRA POSSIBLE CRUISE-MISSILE SITE 2300N 08250W

APPROXIMATELY 45 CRUISE-MISSILE TYPE CRATES
AND APPROXIMATELY 200 VEHICLES OBSERVED.

[REDACTED]

25X1D

-AIRFIELDS-

CORONEL PASCUAL AIRFIELD 2307N 08117W

NO AIRCRAFT OBSERVED.

[REDACTED]

25X1D

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25X1A

SAN ANTONIO DE LOS BANOS AIRFIELD 2252N 08231W

AIRCRAFT -- 3 C-47, 3 CRATE, 21 UNIDENTIFIED
SINGLE-ENGINE, 11 B-26.
HAZE AND OBLIQUITY PRECLUDE FURTHER INTERPRETATION.

[REDACTED] 25X1D

SAN JULIAN AIRFIELD 2206N 08409W

NO AIRCRAFT OBSERVED.

[REDACTED] 25X1D

JOSE MARTI INTERNATIONAL AIRFIELD 2300N 08224W

AIRCRAFT -- ONE VISCOUNT, 3 BRITANNIA, 2 CRATE,
3 C-54, 3 C-47, ONE C-46, ONE LODESTAR, 3
CONSTELLATION, 4 LIAISON, AND ONE CRATE FUSELAGE.

[REDACTED] 25X1D

CAMPO LIBERTAD AIRFIELD 2306N 08226W

AIRCRAFT -- ONE PBY, 28 LIAISON/TRAINER, AND 10 COLT.

[REDACTED] 25X1D

25X1A

MARIEL NAVAL AIR STATION 2300N 08246W

NO AIRCRAFT OBSERVED.

[REDACTED] 25X1D

PLAYA BARACOA AIRFIELD 2302N 08235W

AIRCRAFT -- 57 HOUND (5 WITHOUT ROTORS), 5 HARE, ONE
C-47, AND 2 BELL HELICOPTERS.

[REDACTED] 25X1D

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25X1A

MANAGUA AIRFIELD 2258N 08217W

NO AIRCRAFT OBSERVED.

[REDACTED] 25X1D

JAIME GONZALES AIRFIELD 2209N 08025W

NO AIRCRAFT OBSERVED.

[REDACTED] 25X1D

PINAR DEL RIO AIRFIELD 2225N 08341W

AIRCRAFT -- ONE PROBABLE COLT.

[REDACTED] 25X1D

TRINIDAD AIRFIELD 2147N 07959W

AIRCRAFT -- 2 HOUND AND 2 POSSIBLE LIAISON-TYPE.

[REDACTED] 25X1D

-PORTS-

MARIEL PORT 2301N 08245W

VESSELS -- 12 KOMAR-CLASS PGMG, 2 PF, AND ONE PROBABLE PC OBSERVED.

[REDACTED] 25X1D

CIENFUEGOS PORT 2209N 08027W

VESSELS -- ONE KASIMOV-CLASS FREIGHTER ANCHORED IN HARBOR (ONE LIGHTER ALONGSIDE). ONE TANKER AND ONE FREIGHTER DOCKED AT WEST PIER. TWO SMALL PC, AND 4 PT BOATS.

[REDACTED] 25X1D

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25X1A

LA ISABELA PORT 2256N 08001W

VESSELS -- KARACHAEVO-CHERKESSIYA-TYPE FREIGHTER
DOCKED WITH ALL 5 HATCHES OPEN AND BOOMS ACTIVE.
AT LEAST 7 BOXCARS ARE ON PIER ALONGSIDE SHIP.
NO MILITARY ACTIVITY OBSERVED.

[REDACTED] 25X1D

CAIBARIEN PORT 2232N 07928W

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

[REDACTED] 25X1D

CARDENAS PORT 2302N 08112W

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

[REDACTED] 25X1D

JUCARO PORT 2137N 07851W

VESSELS -- ONE ORENBURG/OKHOTSK-TYPE FREIGHTER
ANCHORED APPROXIMATELY 3 NM SE OF JUCARO PORT. ALL
HATCHES APPEAR OPEN AND BOOMS ACTIVE. A MOTORIZED
BARGE IS MOORED ALONGSIDE FREIGHTER.
APPROXIMATELY 23 BOXCARS ON THE PIER AT JUCARO BUT
NO MILITARY EQUIPMENT OBSERVED.

[REDACTED] 25X1D

SANTA LUCIA PORT 2240N 08358W

NO LARGE VESSELS OBSERVED.

[REDACTED] 25X1D

MATANZAS PORT 2303N 08134W

VESSELS -- 2 FREIGHTERS (INCLUDING THE KRASNOGRAD-
CLASS ANCHORED IN BAY WITH 4 HATCHES OPEN) AND ONE
COASTAL TANKER.
NO MILITARY EQUIPMENT OBSERVED.

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[REDACTED] 25X1D

25X1A

SURGIDERO DE BATABANO PORT 2241N 08218W

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

[REDACTED] 25X1D

HAVANA PORT 2308N 08221W

25X1D

25X1D VESSELS -- 29 FREIGHTERS INCLUDING THE [REDACTED]
25X1D AT EDIFICIO QUAY NUMBER 1 (HATCHES OPEN), THE
25X1D [REDACTED] AT THE MACHINA PIER (CENTER HATCH OPEN,
BOOMS WORKING), THE [REDACTED] AT
25X1D HAVANA COAL WHARF NUMBER 2 (HATCHES OPEN), THE
[REDACTED] AT WARD LINE NORTH WHARF (HATCHES
OPEN, BOOMS WORKING, BEING WORKED BY 2 FLOATING
CRANES), POSSIBLE [REDACTED] AT THE REGLA
25X1D PIER (HATCHES OPEN, BOOMS WORKING), PASSENGER
SHIP [REDACTED] AT THE UNITED FRUIT CO
25X1D PIER (BOOMS WORKING), ONE LARGE TANKER, 2 PF,
2 KRONSTADT-CLASS PC, 7 PT, 10 COASTAL FREIGHTERS,
AND ONE COASTAL TANKER.

[REDACTED] 25X1D

LA COLOMA PORT 2214N 08334W

NO LARGE VESSELS OBSERVED.

[REDACTED] 25X1D

CABANAS PORT 2259N 08256W

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

[REDACTED] 25X1D

BAHIA HONDA PORT 2255N 08311W

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

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[REDACTED] 25X1D

-ELECTRONICS-

25X1A

HAVANA AREA, COMMUNICATIONS CENTER 2300N 08226W

NO APPARENT CHANGE IN FACILITIES. TWENTY
VEHICLES OBSERVED.

[REDACTED] 25X1D

[REDACTED] 25X1D

-MILITARY ACTIVITY-

PINAR DEL RIO, MILITARY CAMP 2223N 08342W

APPROXIMATELY 55 VEHICLES OBSERVED.

[REDACTED] 25X1D

LA BOCA, MILITARY CAMP 2301N 08242W

APPROXIMATELY 20 VEHICLES OBSERVED.

[REDACTED] 25X1D

BAHIA HONDA, MILITARY CAMP 2258N 08311W

NO APPARENT CHANGE.

[REDACTED] 25X1D

CABANAS AREA, MILITARY CAMP 2256N 08252W

NO APPARENT CHANGE.

[REDACTED] 25X1D

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25X1A

MINAS, AMMUNITION STORAGE AREA 2307N 08212W

NO APPARENT CHANGE.

25X1D

HAVANA, AMMUNITION STORAGE AREA 2301N 08226W

NO APPARENT CHANGE.

25X1D

SAN JOSE DE LAS LAJAS AREA, MILITARY CAMP 2255N 08210W

NO VEHICLES OR EQUIPMENT OBSERVED.

25X1D

TORRENS, MILITARY COMPLEX 2259N 08228W

NO APPARENT CHANGE IN COUNT OR DEPLOYMENT OF TENTS, VEHICLES/PIECES OF EQUIPMENT. HOWEVER, POOR IMAGE QUALITY PRECLUDES DETAILED INTERPRETATION.

25X1D

MADRUGA, POL STORAGE 2256N 08149W

NO APPARENT CHANGE.

25X1D

LIMONAR AREA, MILITARY CAMP 2256N 08124W

NO APPARENT CHANGE.

25X1D

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25X1A

MANAGUA, MILITARY CAMP 2258N 08217W

NO APPARENT CHANGE.

[REDACTED] 25X1D

JOVELLANOS, MILITARY AREA 2248N 08112W

NO MILITARY ACTIVITY OBSERVED.

[REDACTED] 25X1D

NAZARENO, MILITARY AREA 2258N 08214W

NO APPARENT CHANGE.

[REDACTED] 25X1D

GUANABO AREA, MILITARY AREA 2311N 08203W

NO APPARENT CHANGE IN FACILITIES.
APPROXIMATELY 6 VEHICLES OBSERVED.

[REDACTED] 25X1D

CAMPO FLORIDA, MILITARY CAMP 2307N 08206W

NO APPARENT CHANGE.

[REDACTED] 25X1D

BAJURAYABO AREA, MILITARY CAMP 2308N 08210W

CAMP INCLUDES 6 PROBABLE FA PIECES AND NUMEROUS
PROBABLE VEHICLES. POOR IMAGE QUALITY PRECLUDES
FURTHER INTERPRETATION.

[REDACTED] 25X1D

GUANABACOA, MILITARY AREA 2307N 08215W

EASTERN AREA CONTAINS 36 FA PIECES AND 50 VEHICLES.
WESTERN AREA CONTAINS SEVERAL VEHICLES TOWING FA

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PIECES. POOR IMAGE QUALITY PRECLUDES FURTHER
INTERPRETATION.

[REDACTED] 25X1D

25X1A

MESTANZA, EXPLOSIVES STORAGE SITE 2228N 08347W

NO APPARENT CHANGE.

[REDACTED] 25X1D

LOMA DE TIERRA, MILITARY CAMP 2301N 08213W

A 19-TRUCK CONVOY IS ON THE ROAD OPPOSITE THE
MILITARY CAMP.
EIGHT LOWBOY TRAILERS AND 129 VEHICLES ARE IN THE
VEHICLE PARK.

[REDACTED] 25X1D

HAVANA AREA, MILITARY CAMP 2301N 08218W

FIRST AREA CONTAINS 12 CANVAS-COVERED TANKS/SP GUNS
AND 2 POSSIBLE CANVAS-COVERED TANKS/SP GUNS.
SECOND AREA CONTAINS 10 VEHICLES.
THIRD AREA CONTAINS APPROXIMATELY 31 CANVAS-COVERED
TANKS/SP GUNS AND 6 VEHICLES.

[REDACTED] 25X1D

SPECIAL AREA ALPHA 2258N 08227W

NO NEW MILITARY ACTIVITY OBSERVED.

[REDACTED] 25X1D

SPECIAL AREA HOTEL 2301N 08246W

NO NEW MILITARY ACTIVITY OBSERVED.

[REDACTED] 25X1D

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25X1A

SPECIAL AREA BRAVO BLUE 2250N 08233W

NO NEW MILITARY ACTIVITY OBSERVED.

[REDACTED] 25X1D

SPECIAL AREA BRAVO RED 2254N 08231W

NO NEW MILITARY ACTIVITY OBSERVED.

[REDACTED] 25X1D

SPECIAL AREA VICTOR 2300N 08234W

NO NEW MILITARY ACTIVITY OBSERVED.

[REDACTED] 25X1D

SPECIAL AREA TANGO 2258N 08244W

NO NEW MILITARY ACTIVITY OBSERVED.

[REDACTED] 25X1D

TARARA LANDING BEACH 2310N 08212W

NO APPARENT CHANGE.

[REDACTED] 25X1D

MATANZAS LANDING BEACH 2301N 08126W

NO NEW MILITARY ACTIVITY OBSERVED.

[REDACTED] 25X1D

VARADERO LANDING BEACH 2308N 08118W

NO NEW MILITARY ACTIVITY OBSERVED.

[REDACTED] 25X1D

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25X1A

CIENFUEGOS LANDING BEACH 2202N 08036W

NO NEW MILITARY ACTIVITY OBSERVED.

[REDACTED] 25X1D

ENSENADA COLORADO LANDING BEACH 2202N 08025W

NO NEW MILITARY ACTIVITY OBSERVED.

[REDACTED] 25X1D

-MISCELLANEOUS ACTIVITY-

SAN FRANCISCO DE PAULA, MUNITIONS STGE SITE 2303N 08218W

NO APPARENT CHANGE.

[REDACTED] 25X1D

MANAGUA, MUNITIONS STORAGE SITE 2258N 08218W

NO APPARENT CHANGE IN FACILITIES. ONE VEHICLE
OBSERVED ON LOOP ROAD.

[REDACTED] 25X1D

BEJUCAL, MUNITIONS STORAGE SITES 2256N 08223W

NO APPARENT CHANGE IN FACILITIES. APPROXIMATELY 30
VEHICLES OBSERVED IN HEADQUARTERS AREA.

[REDACTED] 25X1D

LA ROSITA AREA, STORAGE INSTALLATION 2208N 08004W

SIX REVETTED STORAGE-TYPE BUILDINGS OBSERVED.
OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

[REDACTED] 25X1D

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25X1A

LA BOCA, INDUSTRIAL CONSTRUCTION 2301N 08245W

CONSTRUCTION CONTINUES.

[REDACTED] 25X1D

25X1D

[REDACTED] 25X1D

[REDACTED] 25X1D

[REDACTED] 25X1D

[REDACTED] 25X1D

[REDACTED] 25X1D

MATANZAS CITY, LA CUMBRE ALTA 2304N 08133W

NO MISSILE ACTIVITY OBSERVED.

[REDACTED] 25X1D

25X1D

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-STATUS OF OTHER TARGETS-

MISSION 3481 DID NOT COVER TARGETS EAST OF
78 DEGREES 30 MINUTES WEST LONGITUDE.

THE FOLLOWING TARGETS COULD BE IDENTIFIED,
BUT NOT INTERPRETED --

25X1A

REMEDIOS IRBM SITE	2225N 07935W
SANTA LUCIA SAM SITE	2241N 08355W
SAN JULIAN AIRFIELD SAM SITE	2205N 08409W
LA COLOMA SAM SITE	2218N 08332W
PINAR DEL RIO SAM ASSEMBLY AREA	2221N 08339W
CIEGO DE AVILA SAM ASSEMBLY AREA	2152N 07844W
CAMILO CIENFUEGOS AIRFIELD	2229N 07955W
PUNTA ALEGRE PORT	2223N 07847W
CASILDA PORT	2145N 07959W
LA FLORA AREA, MILITARY STORAGE	2252N 08233W
ARTEMISA, MILITARY CAMP	2251N 08248W
REMEDIOS AREA, MILITARY CAMP	2227N 07934W
SANTIAGO DE LAS VEGAS AREA, MILITARY CAMP	2258N 08220W
PURIO, MILITARY AREA	2233N 07952W
CASCAJAL, MILITARY AREA	2240N 08031W
MANICARAGUA AREA, EXPLOSIVES STORAGE SITE	2206N 07958W

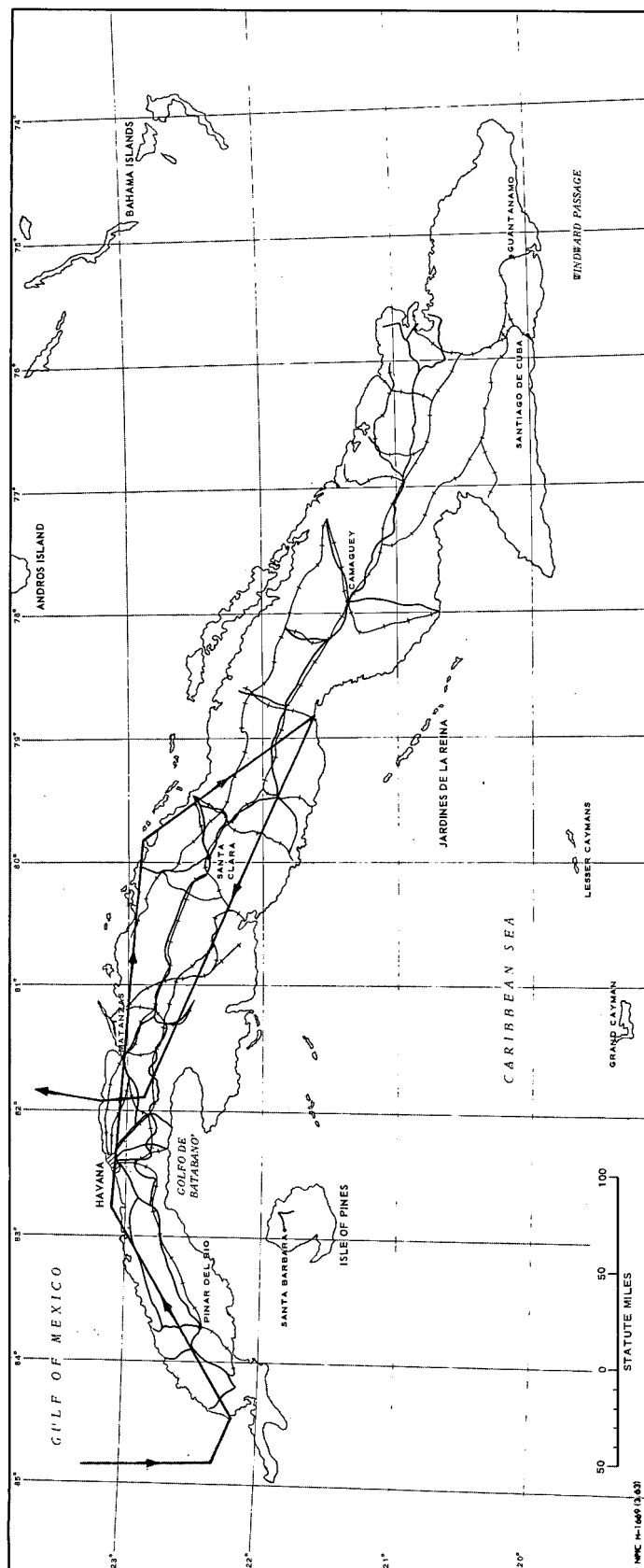
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APPROXIMATE TRACK OF BRASS KNOB MISSION 3481, 11 MARCH 1963

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